

PALFINGER

PALFINGER FL RANGE

FLM SERIES GET CENTERED

LIFETIME EXCELLENCE



[PALFINGER.COM](https://www.palfinger.com)

TRUCK-MOUNTED FORKLIFTS

THE FL RANGE

SHIFT YOUR PERSPECTIVE GET CENTERED!

Ready to Get Centered with the new middle seat FLM? Or maybe you're more of a side-view, FLS kind of person? Either way, it's time to shake up your perspective on what truck-mounted forklifts can do! It's no longer just about getting the job done; it's about doing it safer, faster, and with more control in every environment. With a full lineup of innovative options PALFINGER isn't just ahead of the pack - we're redefining the whole category for everyone!



PALFINGER TRUCK-MOUNTED FORKLIFTS

Get an overview of all available model series and the various designs.

Simply scan the **QR code** or visit our website **www.palfinger.com**



FLM - MIDDLE SEAT SERIES

Its unique middle-seat design delivers a calm, focused driving experience, combining comfort and efficiency - for maximum productivity whenever it is used.

With a seat height of 1,440 mm, you keep an overview, even with loads of up to 1,500 mm. The spacious comfort roof (0.99 m²) provides protection in all weather conditions, and the driver's cab offers optimum legroom.

With its total width of 2,160 mm and only 1,800 mm at the rear, the FLM impresses with excellent manoeuvrability - also in confined spaces. The weight-optimized mast design combined with the optional telescopic forks ensures fast handling, while powerful drives and versatile tire options guarantee optimal operation and perfect traction on any surface.

The FLM 25 is now available with diesel or fully electric drive. At the end of the year, another model in the series will follow with the FLM 15 – even more compact, just as powerful, and also available as a fully electric version.

FL RANGE FEATURES

We invite you to change your perspective and to see PALFINGER with different eyes. The new FL range does not only offer a bigger selection, but also stands for the highest reliability and performance – safer and more flexible than ever before.

OPERATOR

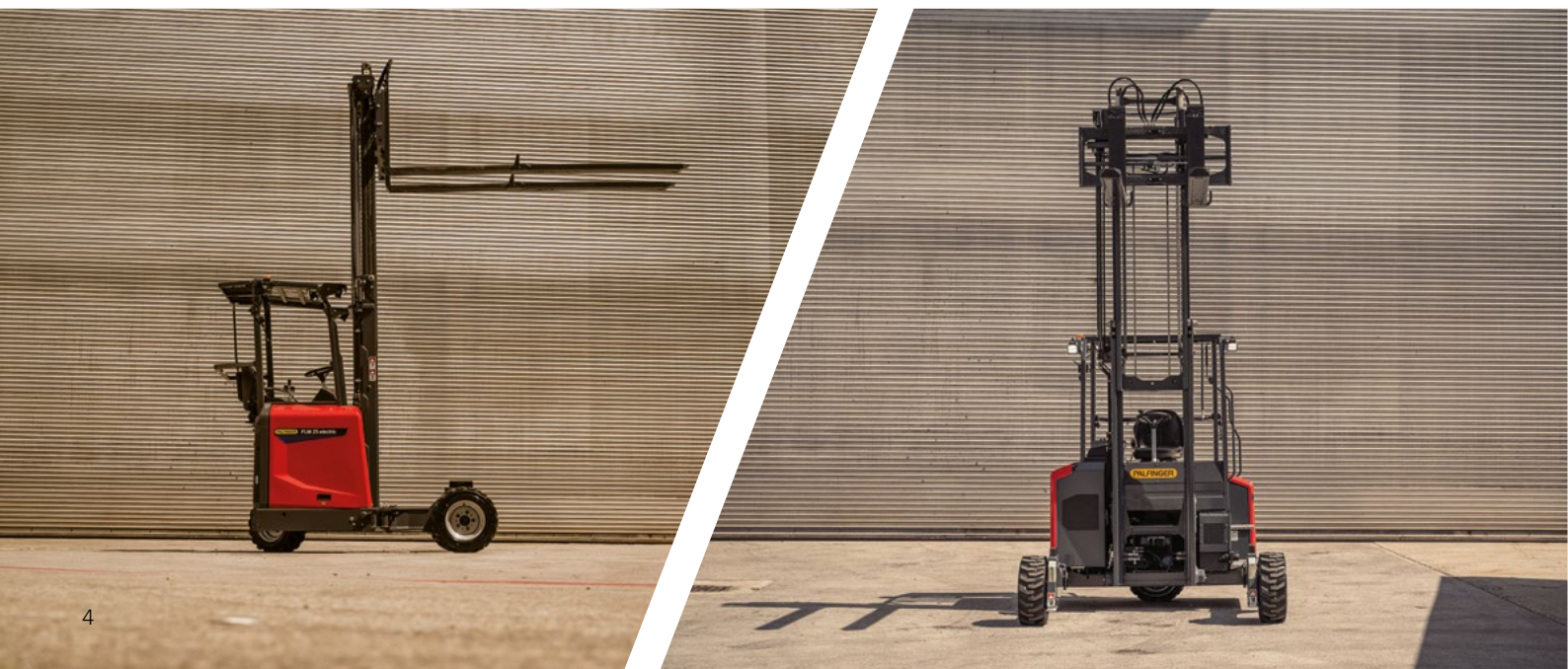
With the FLM and the FLS model you can now literally choose the ideal perspective for each of your tasks and environments. This means better visibility, greater safety and comfort, and more confidence in every application.

FLEET MANAGER

Shift Your Perspective – with the versatile and high-performance PALFINGER FL range. Our vehicles were developed for your needs and offer excellent economic efficiency, reliability and maximum productivity.

BUSINESS OWNER

Unlock higher profits and fewer headaches. The PALFINGER FL range speeds up processes, lowers risks and increases your operating performance – so every load, every shift, and every decision adds up to a stronger bottom line.



AREAS OF APPLICATION OVERVIEW



PALFINGER’s FL range - consisting of the FLS side seat and the FLM middle seat models - combines decades-long experience with state-of-the-art technology. PALFINGER truck-mounted forklifts impress thanks to their comfort, safety, performance and economic efficiency in nearly every industry.

- CONSTRUCTION INDUSTRY - GENERAL**
 Robust, safe and efficient - the allrounder for any construction site.
- CONSTRUCTION INDUSTRY - HEAVY BUILDING MATERIALS & LONG GOODS**
 High lifting capacity, 4-way function and precise steering for concrete, bricks and steel beams.
- AGRICULTURE**
 Off-road capability, all-wheel drive and resilient for field and forest.
- TRANSPORT OF GAS CYLINDERS**
 Gentle handling and secure lifting of pressurized bottles.
- TECHNICAL AUXILIARY FORCES & INFRASTRUCTURE**
 Compact, maneuverable and ready for immediate use in emergencies.
- BEVERAGE MARKETS**
 Low vibration, maneuverable, with a fully electric option - protects glass and is quiet at night.
- LOGISTICS AND TRANSPORT**
 Fast lifting/placing and agile handling speed up the last mile.
- WINDOWS, DOORS AND GATES**
 Sensitive and flexible positioning of large formats with millimeter precision.
- EVENT TECHNOLOGY**
 Compact, sturdy, and extremely maneuverable for stages, truss systems, etc.
- SCAFFOLDING**
 360° all-round visibility, 4-way function – safe handling of complete scaffolding packages.
- LANDSCAPING & GARDENING**
 Ground clearance and all-wheel drive deliver rolled bales, plants and bulk materials directly to their destination.
- RECYCLING**
 Dust-proof and corrosion-resistant for bales, scrap metal, and recycling containers.
- AND MUCH MORE ...**
 For more information, scan in the QR code



HIGHLIGHTS

COMFORT

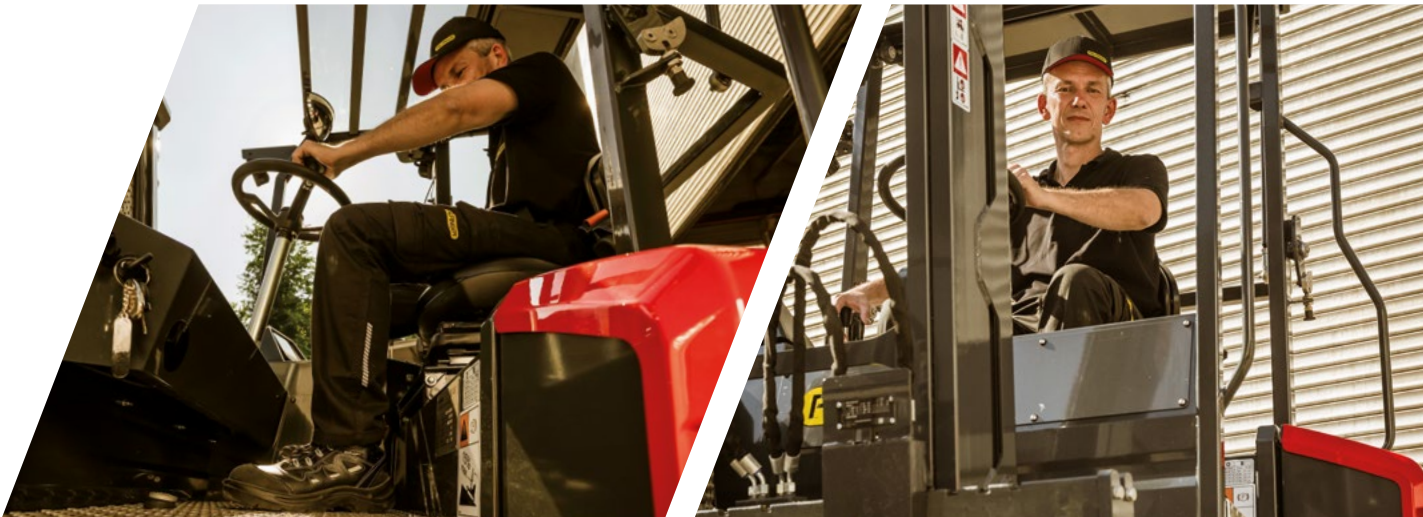
CABIN AND ROOF



COMFORT WITHOUT COMPROMISES

- Unique spaciousness**
 Largest legroom in its class
- Unbeatable weather protection**
 Thanks to a huge comfort roof of 0.99 m² and a seat positioned in the middle, the operator is fully protected in any weather. This ensures maximum comfort while working.
- Fatigue-free operations**
 Ergonomically arranged controls for comfortable and safe working

MIDDLE SEAT



BEST VISIBILITY THANKS TO AN ELEVATED AND CENTRALIZED SEATING POSITION

- Optimal view of the load as well as a 360° all-round view while working**, thanks to a seat height of 1,440 mm
- Well protected due to the middle seat position.**
 This does not only ensure maximum comfort but also increases the safety of the operator.

GROUND CONTROL



COMFORTABLE AND SAFE ...

- Connection and disconnection of the truck-mounted forklift**
 The operator stands next to the machine and brings it precisely into the desired position.
- Efficient control due to user-friendly control panel**
 Simple and quick control of the working functions via the control panel on the side.

HIGHLIGHTS

SAFETY

LIGHTS



SEE BETTER AND BE SEEN BETTER

- Optimally lit work area**
 360° all-round lighting, especially with the 4-way model.
- Improved visibility and forward illumination**
 High-performance LED front headlights with indicator function (optional), in addition to the standard work lights.
- Easier to see by other road users thanks to warning flashers.**
 Integrated warning lights on the rear corners.
- Visual warning for other road users, particularly at dusk or in darkness**
 Optical warning device “LED Spot Blue” when acoustic reverse beepers are not desired or permitted.

POSITION AND DESIGN OF THE MAST



OPTIMIZED VISIBILITY VIEW THANKS TO NEW MAST DESIGN

- Unobstructed view to the front and maximum visibility**
 Thanks to the newly designed lifting mast and newly conceptualized placing of the piping and mast chains.
- Excellent view**
 of the rear outer contours and both front wheels.

STREET LIGHTING & REAR VIEW CAMERA



PERFECT ILLUMINATION AT THE REAR OF THE CARRIER VEHICLE IN ROAD TRAFFIC

- Safe shunting in twilight and darkness**
 This is ensured by the LED rear lights as well as the back work light, which is also certified as a reverse light.
- Everything in full view when reversing**
 The optional rear view camera is connected to the truck vehicle and offers unimpeded view.

HIGHLIGHTS

POWER PACKS & DRIVE CONCEPTS

FL RANGE: DIESEL ENGINE



THE FL RANGE IS AVAILABLE WITH EITHER A DIESEL ENGINE ...

- Powerful and economical diesel engine for cost-effective operation**
 Newly developed, environmentally friendly high torque engine, according to EU emission standard stage V. As no diesel particle filter is required, it guarantees trouble-free operation, particularly with the partial load and short-term operation typical for truck-mounted forklifts.

FL RANGE: ELECTRIC DRIVE



... OR AS A FULLY ELECTRIC VERSION.

- Groundbreaking low dead weight for truck-mounted forklifts with full electric drive**
 Approx. 200 kg or 10 % lighter than comparable truck-mounted forklifts currently on the market. Reliable electric drive with high efficiency. Great flexibility through two battery versions and various charging options, for example, via the power grid or directly via the carrier vehicle.

180° STEERING ANGLE



MAXIMUM MANEUVERABILITY FOR PRECISE DELIVERY

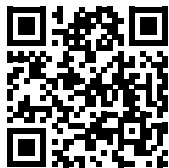
- Unbeatable maneuverability**
 Thanks to the 180° steering angle at the rear wheel.
- Guaranteed effective work**
 even in extremely confined spatial conditions.

4-WAY FUNCTION



OPTIMAL MANEUVERING OF LONG GOODS IN CONFINED SPACES

- Perfect transport of bulky loads and long goods through narrow vehicle access**
 Thanks to the optional 4-way function.
- Even safer and more comfortable**
 Through the elevated and middle seating position, the operator can see even better to the outer edges of the long goods.
- High comfort, even during activation**
 The comfort control automatically turns the front wheels and rear wheel into the 4-way position.



Watch the video

HIGHLIGHTS

VEHICLE CONCEPT

DESIGN



OPTIMALLY MATCHED COMPONENTS AND MATERIALS

- Design and mix of materials combined with new mast and framework concept**
 Lower dead weight with simultaneously higher stability.
- More economical and safer in road traffic**
 Low dead weight, reduced tire wear and tear and fuel consumption of the carrier vehicle while simultaneously increasing the load capacity and the daily yield.
- More payload compared to the dead weight**
 2.5 t lifting capacity with a dead weight incl. forks from approx. 2.0 t
- Higher stability through integrated sideshift of the forks**
 The design with a fixed mast and integrated side shift fork carriage reduces the dynamics in the truck-mounted forklift and increases stability.

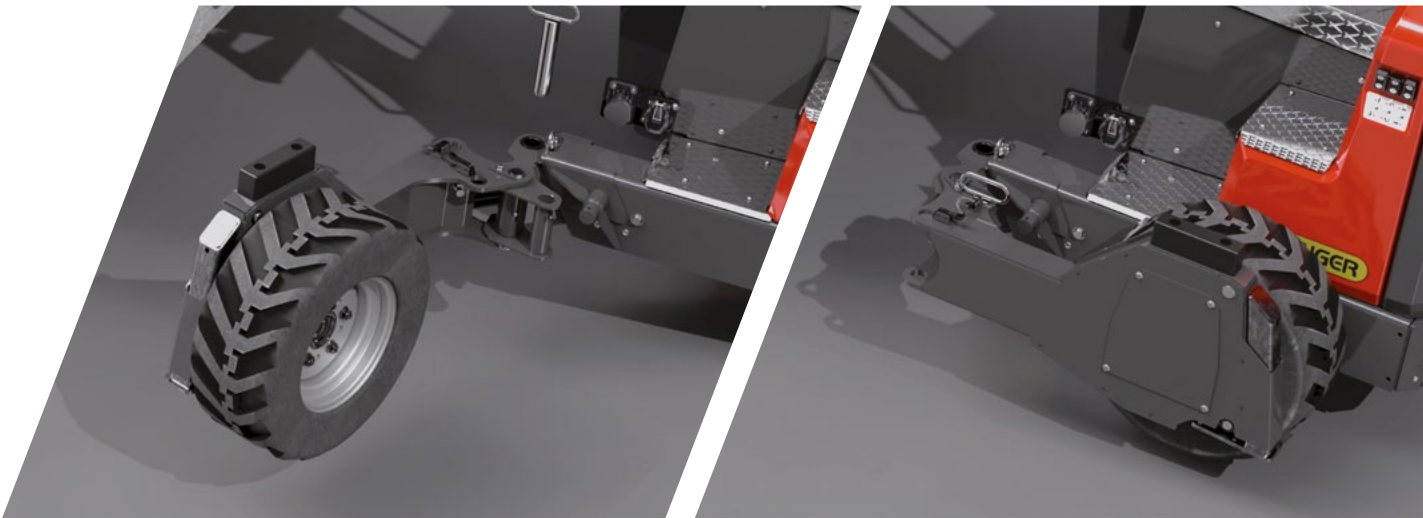
REACH SYSTEM



PROBLEM-FREE OFFLOADING FROM THE SECOND ROW

- Increased reach at full lifting capacity**
 thanks to telescopic fork design

FOLDABLE WHEEL ARMS



INCREASED FLEXIBILITY WHEN MOUNTING ON DIFFERENT CARRIER VEHICLES

- Simple and compact installation on the carrier vehicle**
 The optional foldalbe wheel arms allow mounting on the carrier vehicle without the need for an under-counter construction.
- No overhang thanks to top-mount option**
 This option allows transport on the loading area. This means there is no overhang on the carrier vehicle.



watch the video

HIGHLIGHTS MAINTENANCE

MAINTENANCE



Image: FLS 25



EVERYTHING AT A GLANCE

- Easy to find and freely accessible at a glance**
 All maintenance points including the electric components are securely and clearly arranged under one cover hood.
- Time-saving and easy maintenance**
 Lower costs for daily checks and recurring maintenance.

STEERING SYSTEM

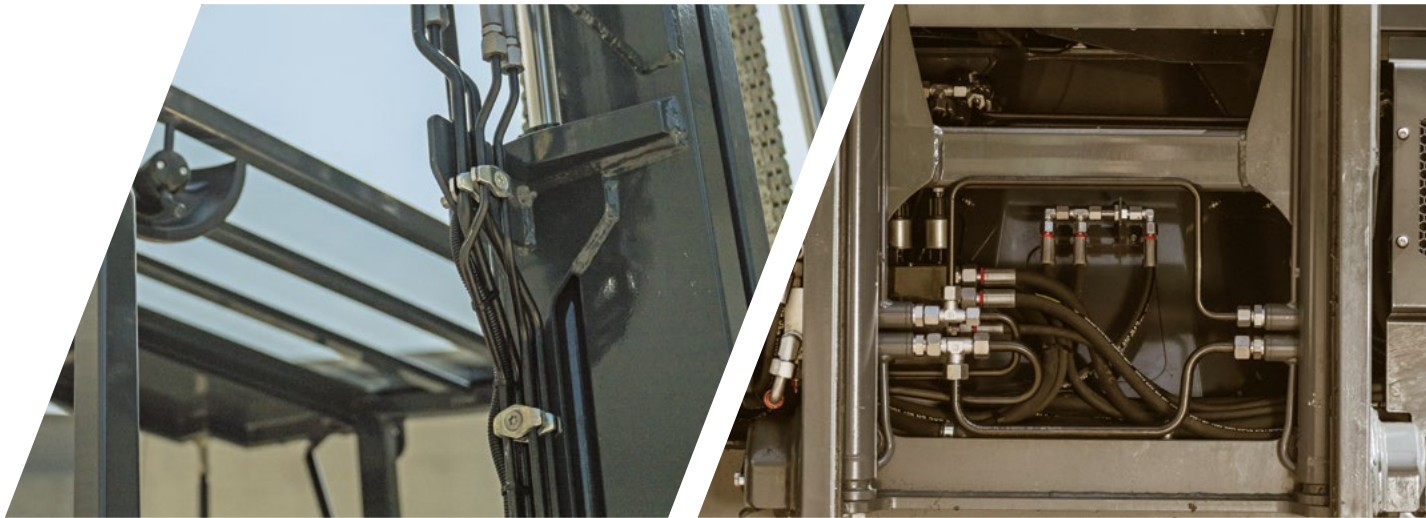


Images: FLS 25

CENTRAL LUBRICATION POINT FOR THE STEERING SYSTEM

- Simplified lubrication processes save time and ensure operating safety**
 All lubrication points on the steering system are combined in a lubrication strip and are easily accessible.

HYDRAULIC SYSTEM



STEEL HYDRAULIC LINES – FOR THE ENTIRE SERVICE LIFE OF A FORKLIFT

- Reliable hydraulics system**
 The high proportion of steel pipes reduces the risk of equipment failure.
- Improved visibility in the lift mast area**
 Through the smaller diameter of the steel pipes.

HIGHLIGHTS

INDIVIDUALITY

MAXIMUM FLEXIBILITY – AS VERSATILE AS YOUR AREAS OF APPLICATION

The new FLM truck-mounted forklift adapt perfectly to your requirements. Choose the drive system and version that exactly suits your tasks. Thanks to the reach system and special drive concept, PALFINGER offers you the versatility your operations require. Maximum flexibility for maximum performance.



VERSION:

- Standard
- 4-way

DRIVE CONCEPT:

- For primarily road use with tires (front & back) from 18" & 23" to 23" & 23"
- For primarily off-road use with tires (front & back) from 23" & 26" up to 27" & 27"

DRIVE SYSTEM:

- Diesel engine
- Fully electric drive

REACH SYSTEM:

- Telescopic forks

WHEEL ARMS:

- Standard
- Foldable wheel arms
- Telescopic wheel arms

TECHNICAL DATA

FLM 25

FLM 25

Load capacity	up to 2.500 kg @ 1.550 mm
Lifting height	from 3.700 – 4.080 mm
Engine	3-Zylinder DieselEngine, 18,4 kW, 90 Nm
Dead weight	from 1.870 kg (without forks)
Dimensions (H x W)	from 2.620 x 2.160 mm
Overhang	1.240 mm
Seat height	approx. 1.440 mm

- Middle seat model of the FL range
- 2.5 t payload with a dead weight from 1,870 kg
- Maximum maneuverability thanks to 180° steering angle

FLM 25 electric

Load capacity	up to 2.500 kg @ 1.550 mm
Lifting height	from 3.700 – 4.080 mm
Drive system	up to 26.3 kW
Dead weight	from 1.860 kg (without forks)
Dimensions (H x W)	from 2.620 x 2.160 mm
Overhang	1.240 mm
Seat height	approx. 1.440 mm

- First fully electric middle seat truck-mounted forklift from PALFINGER
- High efficiency ensures reliable performance
- Available with 2 battery versions: Standard & Long Range

FLM 25 4-WAYS

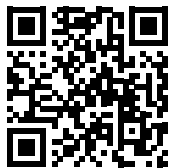
Load capacity	up to 2.500 kg @ 1.550 mm
Lifting height	from 3.700 – 4.080 mm
Engine	3-Zylinder DieselEngine, 18,4 kW, 90 Nm
Dead weight	from 2.040 kg (without forks)
Dimensions (H x W)	from 2.620 x 2.338 mm
Overhang	1.240 mm
Seat height	approx. 1.440 mm

- 2.5 t payload with a dead weight from 2,040 kg
- Ideal maneuverability even with long goods, thanks to the 4-way system

FLM 25 4-WAY electric

Load capacity	up to 2.500 kg @ 1.550 mm
Lifting height	from 3.700 – 4.080 mm
Drive system	up to 26.3 kW
Dead weight	from 2.030 kg (without forks)
Dimensions (H x W)	from 2.620 x 2.338 mm
Overhang	1.240 mm
Seat height	approx. 1.440 mm

- First fully electric middle seat Truck-mounted forklift from PALFINGER
- Ideal maneuverability even with long goods, thanks to the 4-way system



Watch the video

TRUCK-MOUNTED FORKLIFTS

THE FL RANGE

SHIFT YOUR PERSPECTIVE DISCOVER NEW PERSPECTIVES WITH PALFINGER

For the first time, PALFINGER is treading a completely new path in the field of truck-mounted forklifts. Why? Because we listened to our customers. Adapted to your requirements and your challenges. We analyzed the tasks at hand and developed the new FL range from the ground up for our customers and, above all, with them.



PALFINGER FLS 25

First side seat model from PALFINGER with a powerful diesel engine for economic operation.

To learn more about this model, scan the **QR code** or visit our website www.palfinger.com.



PALFINGER FLS 25 ELECTRIC

First side seat model from PALFINGER with fully electric drive

To learn more about this model, scan the **QR code** or visit our website www.palfinger.com.



FLS - SIDE SEAT SERIES

With the introduction of the PALFINGER FLS series we are taking safety, comfort and reliability to a new level for our customers, so that they can master their daily challenges even better. These features, combined with a modern design, create confidence, making the PALFINGER FLS truck-mounted forklifts a convincing choice across the board.

Depending on the customer's individual specifications, we offer the FLS as a conventionally powered version with a diesel engine or as a fully electric version. In other words, the new truck-mounted forklift series can be operated entirely electrically, thus meeting customer requirements and satisfying the demand for fully electric solutions.

